

# Summary of product characteristics for a biocidal product

**Product name:** Aqua Primer PIP

**Product type(s):** PT08 - Wood preservatives (Preservatives)

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**Authorisation number:** IE/BPA 70484

**R4BP 3 asset reference number:** IE-0030750-0005

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## Administrative information

### 1.1. Trade names of the product

Aqua Primer PIP
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Lanxess Deutschland GmbH
	Address	Kennedyplatz 1 50569 Köln Germany
<b>Authorisation number</b>	IE/BPA 70484 1-2	

<b>R4BP 3 asset reference number</b>	IE-0030750-0005
<b>Date of the authorisation</b>	27/03/2023
<b>Expiry date of the authorisation</b>	20/07/2027

### 1.3. Manufacturer(s) of the biocidal products

### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	Syngenta Crop Protection AG
<b>Address of the manufacturer</b>	CH 4002 Basel Switzerland
<b>Location of manufacturing sites</b>	1870 Monthey 1870 Monthey Switzerland

<b>Active substance</b>	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH Material Protection Products
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Köln Germany
<b>Location of manufacturing sites</b>	Jiangsu SevenContinent Green Chemical Co., Ltd, North Area of Dongsha Chem-Zone 215600 Zhangjiagang, Jiangsu China

<b>Active substance</b>	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH Material Protection Products
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Köln Germany
<b>Location of manufacturing sites</b>	Jiangsu Yangnong Chemical Group Co., Ltd, Wenfeng Road 225009 Yangzhou, Jiangsu China

<b>Active substance</b>	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
<b>Name of the manufacturer</b>	Troy Chemical Europe BV
<b>Address of the manufacturer</b>	Uiverlaan 12-E 3145 XN Maassluis Netherlands
<b>Location of manufacturing sites</b>	Industriepark 23 56593 Horhausen Germany
	One Avenue L Newark 07105 New Jersey United States

<b>Active substance</b>	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH Material Protection Products
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Köln Germany
<b>Location of manufacturing sites</b>	Shanghai Hui Long Chemicals Co., Ltd, Dengta Jiazhu Rd. Jiading 201815 District Shanghai China
<b>Active substance</b>	1342 - Permethrin
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH Material Protection Products
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Köln Germany
<b>Location of manufacturing sites</b>	Bayer Vapi Private Limited Plot # 306/3 II Phase, GIDC 396 195, Gujarat Vapi India

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		Active Substance	52645-53-1	258-067-9	0,1
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0,3
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole		Active Substance	60207-90-1	262-104-4	0,9
MIT	2-methylisothiazol-3(2H)-one	Non-active substance	2682-20-4	220-239-6	0,00708
BIT	1,2-benzisothiazol-3(2H)-one	Non-active substance	2634-33-5	220-120-9	0,00708

### 2.2. Type of formulation

AL - Any other liquid (RTU emulsion)

### 3. Hazard and precautionary statements

#### Hazard statements

May cause an allergic skin reaction.  
May damage the unborn child.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing vapours.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN:Wash with plenty of water.  
IF exposed or concerned:Get medical advice.  
If skin irritation or rash occurs:Get medical advice.  
Take off contaminated clothing.And wash it before reuse.  
Collect spillage.  
Store locked up.  
Dispose of contents to hazardous waste.  
Dispose of container to hazardous waste.

### 4. Authorised use(s)

#### 4.1 Use description

##### Use 1 - Application by brush/roller (Professional users)

#### Product type

PT08 - Wood preservatives (Preservatives)

#### Where relevant, an exact description of the authorised use

Fungicide, insecticide

#### Target organism(s) (including development stage)

Scientific name: Other  
Common name: Wood destroying fungi (brown rot and white rot fungi)  
Development stage:  
  
Scientific name: Other

	<p>Common name: Wood discolouring fungi Development stage:</p> <p>Scientific name: Other Common name: Wood boring beetles (shown on Hylotrupes bajulus) - Larvae Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Outdoor</p> <p>For the protection of wood in use class 2. Not for wood indoors.</p>
<b>Application method(s)</b>	<p>Method: Open system: brush treatment Detailed description: Application by brush/roller designed for water-borne products, spreading out thinly and evenly along the wood texture.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: Ready to use - 120g/m<sup>2</sup> wood. Dilution (%): 0 Number and timing of application: To be applied in 2-3 coats depending on wood species and surface characteristics.</p>
<b>Category(ies) of users</b>	<p>Professional</p>
<b>Pack sizes and packaging material</b>	<p>Up to 25 L coated tin cans or HDPE containers.</p> <p>All coated tin packages are light proof. The HDPE packages are translucent.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use.

#### 4.1.2 Use-specific risk mitigation measures

- The wearing of protective chemical resistant gloves meeting the requirements of the European Standard EN 374 (glove material to be specified by the authorisation holder within the product information) is required for application by brushing and rolling.
- A protective coverall of at least type 6 as specified in European Standard EN 13034 shall be worn.
- The use of face protection (face shield) during handling of the product is mandatory.

This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

During product application to timbers and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general likely direct or indirect effects, first aid instructions and emergency measures to protect the environment.

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for safe disposal of the product and its packaging.

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general conditions of storage and shelf-life of the product under normal conditions of storage.

### 4.2 Use description

#### Use 2 - Application by automated spraying, manual dipping and flow coating/deluge

##### Product type

PT08 - Wood preservatives (Preservatives)

##### Where relevant, an exact description of the authorised use

Fungicide, insecticide

##### Target organism(s) (including development stage)

Scientific name: Other  
Common name: Wood destroying fungi (brown rot and white rot fungi)  
Development stage:

Scientific name: Other  
Common name: Wood discolouring fungi  
Development stage:

Scientific name: Other  
Common name: Wood boring beetles (shown on Hylotrupes bajulus) - Larvae  
Development stage:

##### Field(s) of use

Indoor

For the protection of wood in use class 2 and 3. Not for wood indoors.

##### Application method(s)

Method: Open system  
Detailed description:  
Application in automated spraying, manual dipping and flow coating/deluge units.



**Application rate(s) and frequencies**

Application Rate: Ready to use - 120g/m<sup>2</sup> wood.  
Dilution (%): 0  
Number and timing of application:  
Application in 1-2 coats.

**Category(ies) of users**

Industrial  
Professional

**Pack sizes and packaging material**

Up to 25L coated tin cans or HDPE containers (professional user).  
25 L coated tin cans and bulk (200L and 1000L) coated tin drums or HDPE IBC (Industrial).

All coated tin packages are light proof. The HDPE packages are translucent.

**4.2.1 Use-specific instructions for use**

See general instructions for use.

**4.2.2 Use-specific risk mitigation measures**

- The wearing of chemical resistant gloves meeting the requirements of the European Standard EN 374 (glove material to be specified by the authorisation holder within the product information) is required for application by automated spraying, manual dipping and deluge.

- A protective overall of at least type 6 as specified in European Standard EN 13034 shall be worn. This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

Additional, use-specific RMMs for automated spraying, flow coating/deluge:

- The product may only be loaded with an automatic dosing system (mechanical pump).

Additional, use-specific RMMs for manual dipping:

- The product may only be (re)loaded and drained with a semi-automated dosing system (hand operated pump) at least.

RMMs for industrial users:

- All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).

• Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses of the product shall be collected for reuse or disposal.

RMMs for professional users:

- Application by professionals must be conducted within a contained area (indoors under roof) on impermeable ground.

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general likely direct or indirect effects, first aid instructions and emergency measures to protect the environment.

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for safe disposal of the product and its packaging.

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general conditions of storage and shelf-life of the product under normal conditions of storage.

### 4.3 Use description

#### Use 3 - Application by (fully) automated dipping

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Fungicide, insecticide
<b>Target organism(s) (including development stage)</b>	Scientific name: Other Common name: Wood destroying fungi (brown rot and white rot fungi) Development stage:  Scientific name: Other Common name: Wood discolouring fungi Development stage:  Scientific name: Other Common name: Wood boring beetles (shown on Hylotrupes bajulus) - Larvae Development stage:
<b>Field(s) of use</b>	Indoor  For the protection of wood in use class 2 and 3. Not for wood indoors.  Method: Open system: dip treatment

<b>Application method(s)</b>	Detailed description: Application in automated dipping units.
<b>Application rate(s) and frequencies</b>	Application Rate: Ready to use - 120g/m <sup>2</sup> wood. Dilution (%): 0 Number and timing of application: Application in 1-2 coats.
<b>Category(ies) of users</b>	Industrial  Professional
<b>Pack sizes and packaging material</b>	Up to 25L coated tin cans or HDPE containers (professional user). 25 L coated tin cans and bulk (200L and 1000L) coated tin drums or HDPE IBC (Industrial).  All coated tin packages are light proof. The HDPE packages are translucent.

#### 4.3.1 Use-specific instructions for use

See general instructions for use.

#### 4.3.2 Use-specific risk mitigation measures

- The wearing of protective chemical resistant gloves meeting the requirements of the European Standard EN 374 (glove material to be specified by the authorisation holder within the product information) is required for application by automated dipping.
- A protective overall of at least type 6 as specified in European Standard EN 13034 shall be worn.

• Use in fully automated dipping processes where all steps in the treatment and drying process are mechanised and no manual handling takes place, including when the treated articles are transported through the dip tank to the draining/drying and storage (if not already surface dry before moving to storage). Where appropriate, the wooden articles to be treated must be fully secured (e.g. via tension belts or clamping devices) prior to treatment and during the dipping process, and must not be manually handled until the treated articles are surface dry. The untreated wood may only be lowered by a separate lifting unit into the dipping tank.

- The product may only be loaded with an automatic dosing system (mechanical pump).  
This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

RMMs for industrial users:

- All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).
- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses of the product shall be collected for reuse or disposal.

RMMs for professional users:

- Application by professionals must be conducted within a contained area (indoors under roof) on impermeable ground.

#### 4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general likely direct or indirect effects, first aid instructions and emergency measures to protect the environment.

#### 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for safe disposal of the product and its packaging.

#### 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general conditions of storage and shelf-life of the product under normal conditions of storage.

### 4.4 Use description

#### Use 4 - Application by manual spraying

##### Product type

PT08 - Wood preservatives (Preservatives)

##### Where relevant, an exact description of the authorised use

Fungicide, insecticide

##### Target organism(s) (including development stage)

Scientific name: Other  
Common name: Wood destroying fungi (brown rot and white rot fungi)  
Development stage:

Scientific name: Other  
Common name: Wood discolouring fungi  
Development stage:

Scientific name: Other  
Common name: Wood boring beetles (shown on *Hylotrupes bajulus*) - Larvae  
Development stage:

##### Field(s) of use

Indoor

For the protection of wood in use class 2 and 3. Not for wood indoors.

##### Application method(s)

Method: Open system: spray treatment  
Detailed description:  
Application by manual spraying devices.

Application Rate: Ready to use - 120g/m<sup>2</sup> wood.

**Application rate(s) and frequencies**

Dilution (%): 0  
Number and timing of application:  
Application in 1-2 coats.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Up to 25L coated tin cans or HDPE containers (professional user).  
25 L coated tin cans and bulk (200L and 1000L) coated tin drums or HDPE IBC (Industrial).

All coated tin packages are light proof. The HDPE packages are translucent.

**4.4.1 Use-specific instructions for use**

See general instructions for use.

**4.4.2 Use-specific risk mitigation measures**

- Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with particle filter P2 is required.
- The use of face protection (face shield) during handling of the product is mandatory.

This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

Application by professionals must be conducted within a contained area (indoors under roof) on impermeable ground. Spraying outdoors is not allowed.

**4.4.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

See general likely direct or indirect effects, first aid instructions and emergency measures to protect the environment.

#### **4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for safe disposal of the product and its packaging.

#### **4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

See general conditions of storage and shelf-life of the product under normal conditions of storage.

### **5. General directions for use**

#### **5.1. Instructions for use**

The treated timber must always be over-coated with a suitable topcoat after drying. The topcoat shall have no biocidal function. Do not discharge the biocidal product nor the diluted solution of the biocidal product into the sewage system or the environment. Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer. To avoid leakage into the soil, store treated objects or materials until completely dried on impermeable ground and under roof.

#### **5.2. Risk mitigation measures**

Do not use on wood which may come in direct contact with food, feed, livestock and pets.  
Keep children and pets away from treated surfaces until dried.  
Keep cats away from treated surfaces due to high sensitivity to permethrin toxicity.

Wearing of chemical resistant gloves meeting the requirements of European Standard EN 374 (glove material to be specified by the authorisation holder within the product information) is required for subsequent manual processing of the freshly treated timber. This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

#### **5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

**First Aid:**

- IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation or rash occur: Get medical advice.
- IF EXPOSED OR CONCERNED: Get medical advice.
- IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.
  
- IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.
  
- IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

#### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of surplus chemical, contaminated material (including sawdust) and the empty container safely using a method approved by the waste disposal authority.

#### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf-life: 2 years  
Store below 40°C.  
Protect from sunlight, if packaged in HDPE.

#### 6. Other information

Notes:

Mixtures classified as sensitising containing other substance(s) classified as sensitising (in addition to the one that leads to the classification of the mixture) and present in a concentration equal to or greater than that specified in Table 3.4.6 of Annex I shall bear the name(s) of that/those substance(s) on the label: 1,2-benzisothiazol-3(2H)-one; IPBC, permethrin and propiconazole will appear on the label as active substances according to BPR.

The following P-statement was triggered by the H-statements, but not included: P321 is triggered by H317. However, this P-statement is highly recommended only in exceptional cases where specific treatment is known and required. No specific treatment is known, therefore P321 is not assigned.

Only the SPC in PDF format and not the xml file uploaded in R4BP3 is legally binding.  
Please refer to the SPC in PDF format for the concentration of BIT, as it is only listed for the specific meta SPC if it leads to classification. BIT is part of the BPF, but the concentration in some meta SPC is lower than the threshold. Normally the concentration of BIT will therefore be stated as "0". Due to technical limitations of the SPC editor this is not possible as the concentration of "0" is below minimum value of BIT concentration within the family. Therefore the actual values are listed.